

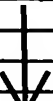


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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number		10/665,793
			Filing Date		September 18, 2003
			First Named Inventor		Edward J. Kaplan
			Group Art Unit		
			Examiner Name		
Sheet	1	of	13	Attorney Docket Number	KAP 100 CIP

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)				
/JS/		3,993,073		Zaffaroni	11-23-1976		
↓		4,167,179		Kirsch	09-11-1979		
		4,351,337		Sidman	09-28-1982		
		4,427,005		Tener	01-24-1984		
		4,697,575		Horowitz	10-06-1987		
		4,700,692		Baumgartner	10-20-1987		
		4,706,652		Horowitz	11-17-1987		
		4,754,745		Horowitz	07-05-1988		
		4,763,642		Horowitz	08-16-1988		
		4,815,449		Horowitz	03-28-1989		
		4,820,844		Kagiya, et al.	04-11-1989		
		5,030,195		Nardi	07-09-1991		
		5,059,166		Fischell, et al.	10-22-1991		
		5,242,373		Scott, et al.	09-07-1993		
	/JS/		5,342,283		Good	08-30-1994	

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		Office. ²	Number ³	Kind Code ⁴ (If known)				
/JS/		PCT	WO 95/03036		Angiogenesis Technologies	02-02-1995		
		PCT	WO 96/14880		PGK Corporation	05-23-1996		
		PCT	WO 97/19706		IBT Technology Partners	06-05-1997		
		PCT	WO 00/32238		Scimed Life Systems, Inc.	06-08-2000		
		PCT	WO 00/41185		Nycomed Amersham PLC	07-13-2000		
	/JS/		PCT	WO 00/43045		Photogen, Inc.	07-27-2000	

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			<p>First Named Inventor Edward J. Kaplan</p>		
			<p>Group Art Unit</p>		
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/JS/		5,424,288		Order	06-13-1995		
		5,460,592		Langton, et al.	10-24-1995		
		5,486,360		Ballagh, et al.	01-23-1996		
		5,538,726		Order	07-23-1996		
		5,595,979		Snyder	01-21-1997		
		5,620,700		Berggren	04-15-1997		
		5,626,829		Koutrouvelis	05-06-1997		
		5,626,862		Brem, et al.	05-06-1997		
		5,650,442		Mitchell, et al.	07-22-1997		
		5,871,437		Alt	02-16-1999		
		5,886,026		Hunter, et al.	03-23-1999		
		6,159,143		Lennox	12-12-2000		
		6,241,962		Nicolini, et al.	06-05-2001		
		6,248,057		Mavity, et al.	06-19-2001		
	/JS/		6,391,279		Singh et al.	05-21-2002	

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/JS/		PCT	WO 00/51639		Halogenetics, Inc.	09-08-2000		
/JS/		PCT	WO 00/57923		North American Scientific	10-05-2000		
/JS/		PCT	WO 01/36007		Angiotech Pharmaceuticals	05-25-2001		
/JS/		PCT	WO 02/30472		Guilford Pharmaceuticals	04-18-2002		

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/JS/		2001/0044567		Zamora et al.	11-22-2001	
/JS/		2002/0055666		Hunter, et al.	05-09-2002	
/JS/		2002/0055667		Mavity et al.	05-09-2002	
/JS/		2003/0003094		Hunter, et al.	01-02-2003	

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		Examiner Name	
Sheet 4 of 13	Attorney Docket Number	KAP 100 CIP	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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/JS/	(1994)	ALONSO, et al., "Biodegradable microspheres as controlled-release tetanus toxoid delivery systems," <i>Vaccine</i> 12: 299	
	(2003)	ARCOS, et al., "Biphasic materials for bone grafting and hyperthermia treatment of cancer," <i>J. Biomed. Mater. Res.</i> 65: 71-78	
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	(2003)	BOBOFCHAK, et al., "A recombinant polymeric hemoglobin with conformational, functional, and physiological characteristics of an in vivo O ₂ transporter," <i>Am. J. Physiol. Heart Circ. Physiol.</i> 285: H549-H561	
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/JS/	(1998)	CARDINALE, et al., "Effect of interstitial and/or systemic delivery of tirapazamine on the radiosensitivity of human glioblastoma multiforme in nude mice," <i>Radiation Oncol. Invest.</i> 6: 63	

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		Filing Date	September 19, 2003
		First Named Inventor	Edward J. Kaplan
		Group Art Unit	
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Sheet	5	of	13
		Attorney Docket Number	KAP 100 CIP

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/JS/		CHATTARAJ, et al., "Biodegradable microparticles of influenza viral vaccine: comparison of the effects of routes of administration on the in vivo immune response in mice," <i>J. Control. Rel.</i> 58: 223 (1999).	
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/JS/		FOWLER, et al., "Evaluation of an implant that delivers leuprolide for one year for the palliative treatment of prostate cancer," <i>Urology</i> 55: 639 (2000).	

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		Filing Date	September 19, 2003		
		First Named Inventor	Edward J. Kaplan		
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/JS/		FUNG, et al., "Pharmacokinetics of interstitial delivery of carmustine, 4-hydroperoxycyclophosphamide, and paclitaxel from a biodegradable polymer implant in the monkey brain," <i>Cancer Res.</i> 58: 672 (1998).	
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		*HILGENFELDT, et al., "The acoustics of diagnostic microbubbles: dissipative effects and heat deposition," <i>Ultrasonics</i> 38: 99-104 (2000).	
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/JS/		HORIUCHI, et al., "Radiotherapy for carcinoma of the tongue with special emphasis on advanced cases," <i>J. Jap. Soc. Cancer Ther.</i> 15(5): 851-857 (1980).	

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/JS/		*JAISWAL, et al., "Long-term multiple color imaging of live cells using quantum dot bioconjugates," <i>Nature Biotechnol.</i> 21: 47-51 (2003).	
		JUDY, et al., "Effectiveness of controlled release of a cyclophosphamide derivative with polymers against rat gliomas," <i>J. Neurosurg.</i> 82: 48 (1995).	
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		LAURENCIN, et al., "Bioerodible polyanhydrides for antibiotic drug delivery: in vitro osteomyelitis treatment in a rat model system," <i>J. Orthopaedic Res.</i> 11: 256 (1993).	
/JS/		*LEBUGLE, et al., "Study of implantable calcium phosphate systems for the slow release of methotrexate," <i>Biomaterials</i> 23: 3517-3522 (2002).	

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/JS/		LEIBEL & PHILLIPS, <u>Textbook of Radiation Oncology</u> (1998) ³	
		*LENDLEIN, et al., "Biodegradable, elastic shape-memory polymers for potential biomedical applications," <i>Science</i> 296: 1673-1676 (2002) ³	
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		MENEI, et al., "Local and sustained delivery of 5-fluorouracil from biodegradable microspheres for the radiosensitization of glioblastoma," <i>Cancer</i> 86: 325 (1999) ³	
		*MERRICK, et al., "Seed fixity in the prostate/periprostatic region following brachytherapy," <i>Int. J. Radiation Oncol. Biol. Phys.</i> 46: 215-220 (2000) ³	
		*MINAMIMURA, et al., "Tumor regression by inductive hyperthermia combined with hepatic embolization using dextran magnetite-incorporated microspheres in rats," <i>Int. J. Oncol.</i> 16: 1153-1158 (2000) ³	
/JS/		*MITSUMORI, et al., "Development of intra-arterial hyperthermia using a dextran-magnetite complex," <i>Int. J. Hyperthermia</i> 10: 785-793 (1994) ³	

Examiner's Signature	/Jagadishwar Samala/	Date Considered	03/26/2007
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/665,793
		Filing Date	September 19, 2003
		First Named Inventor	Edward J. Kaplan
		Group Art Unit	
		Examiner Name	
Sheet	9	of	13
		Attorney Docket Number	KAP 100 CIP

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
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/JS/		MIYAMOTO, et al., "Biodegradable scleral implant for intravitreal controlled release of fluconazole," <i>Curr. Eye Res.</i> 16: 930 (1997).	
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				Application Number		10/666,793
				Filing Date		September 19, 2003
				First Named Inventor		Edward J. Kaplan
				Group Art Unit		
				Examiner Name		
Sheet	10	of	13	Attorney Docket Number		KAP 100 CIP

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/JS/		RAMIREZ, et al., "Biodegradable poly(DL-lactic-co-glycolic acid) microspheres containing tetracaine hydrochloride. In-vitro release profile," <i>J. Microencapsulation</i> 16: 103 (1999)?	
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		SEE, et al., "Brachytherapy and continuous infusion 5-fluorouracil for the treatment of locally advanced, lymph node negative, prostate cancer," <i>Cancer</i> 77(5): 924-927 (1996)?	
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		*SIVAKUMAR, et al., "Preparation, characterization and in-vitro release of gentamicin from coralline hydroxyapatite-gelatin composite microspheres," <i>Biomaterials</i> 23: 3175-3181 (2002)?	
/JS/		STRAW, et al., "Effects of cis-diaminedichloroplatinum II released from D,L-poly(lactic acid) implanted adjacent to cortical allografts in dogs," <i>J. Orthopaedic Res.</i> 12: 87 (1994)?	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/665,793
		Filing Date	September 19, 2003
		First Named Inventor	Edward J. Kaplan
		Group Art Unit	
		Examiner Name	
Sheet 11 of 13	Attorney Docket Number	KAP 100 CIP	

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/JS/		*SUNDBACK, et al., "Manufacture of porous polymer nerve conduits by a novel low-pressure injection molding process," <i>Biomaterials</i> 24: 819-830 (2003).	
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/JS/		WALTER, et al., "Interstitial taxol delivered from a biodegradable polymer implant against experimental malignant glioma," <i>Cancer Res.</i> 54: 2207 (1994).	

Examiner's Signature	/Jagadishwar Samala/ (03/26/2007)	Date Considered
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		Application Number	10/665,793		
		Filing Date	September 19, 2003		
		First Named Inventor	Edward J. Kaplan		
		Group Art Unit			
		Examiner Name			
Sheet	12	of	13	Attorney Docket Number	KAP 100 CIP

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/JS/		"WANG, et al., "A tough biodegradable elastomer," <i>Nature Biotechnol.</i> 20: 602-606 (2002).	
		WANG, et al. "Intratumoral injection of rhenium-188 microspheres into an animal model of hepatoma," <i>J. Nucl. Med.</i> 39: 1752 (1998).	
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/JS/		YAPP, et al., "Tumor treatment by sustained intratumoral release of cisplatin: effects of drug alone and combined with radiation," <i>Int. J. Radiation Oncol. Biol. Phys.</i> 39: 497 (1998).	

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		Application Number	10/665,793		
		Filing Date	September 19, 2003		
		First Named Inventor	Edward J. Kaplan		
		Group Art Unit			
		Examiner Name			
Sheet	13	of	13	Attorney Docket Number	KAP 100 CIP

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/JS/		YOSHIDA, et al., "In vivo release of cisplatin from a needle-type copolymer formulation implanted in rat kidney," <i>Biomaterials</i> 10: 17 (1989).	
/JS/		YUAN, et al., "Implantable polymers for tirapazamine treatments of experimental intracranial malignant glioma," <i>Radiation Oncol. Invest.</i> 7: 218 (1999).	
/JS/		*ZHANG, et al., "An all-organic actuator material with a high dielectric constant," <i>Nature</i> 419: 284-287 (2002).	

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Substitute for form 1449A/PTO				Complete If Known Application Number 10/665,793 Filing Date September 19, 2003 First Named Inventor Edward J. Kaplan Group Art Unit 1616 Examiner Name M. Hartley Attorney Docket Number KAP 100 CIP	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	1	of	2		

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		Office.*	Number*	Kind Code* (if known)				
/JS/		PCT	WO 03/066705		Polyganics B.V.	08-14-2003		
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				Filing Date	September 19, 2003	
				First Named Inventor	Edward J. Kaplan	
				Group Art Unit	1616	
				Examiner Name	M. Hartley	
Attorney Docket Number	KAP 100 CIP					
Sheet	2	of	2			

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/JS/		Ikedo et al. "Polyurethane elastomer with PEO-PTMO-PEO soft segment for sustained release of drugs." <i>Biomaterials</i> 11(8): 553-560 (1990).	
		Lee et al. "Elastic biodegradable poly(glycolide-co-caprolactone) scaffold for tissue engineering." <i>Journal of biomedical materials research</i> 66A(1): 29-37 (2003).	
		Pitt et al. "Sustained drug delivery systems II: factors affecting release rates from poly(caprolactone) and related biodegradable polyesters." <i>Journal of pharmaceutical sciences</i> 68(12): 1534-1538 (1979).	
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/JS/		Wada et al. "In vitro evaluation of sustained drug release from biodegradable elastomer." <i>Pharmaceutical Research</i> 8(10): 1292-1296 (1991).	

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				Filing Date	September 19, 2003
				First Named Inventor	Edward J. Kaplan
				Group Art Unit	1618
				Examiner Name	Jagadishwar Rao Samala
Sheet	1	of	1	Attorney Docket Number	KAP 100 CIP

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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/JS/		6,099,458		Robertson	08-08-2000	

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Application Number

10/665.793

Filing Date

September 19, 2003

First Named Inventor

Edward J. Kaplan

Group Art Unit

1618

Examiner Name

Jagadishwar Rao Samala

Attorney Docket Number

KAP 100 CIP

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[illegible][illegible]

Examiner's Signature	/Jagadishwar Samal	Date (03/26/2007)
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Application Number

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First Named Inventor

Edward J. Kaplan

Group Art Unit

1616

Examiner Name

Attorney Docket Number

KAP 100 CIP

Sheet	1	of	
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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